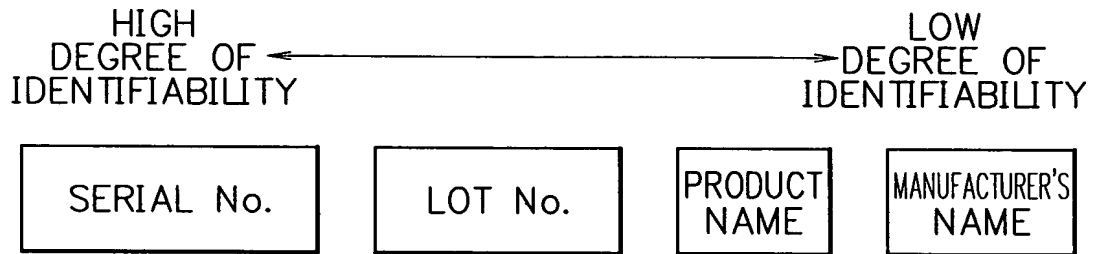


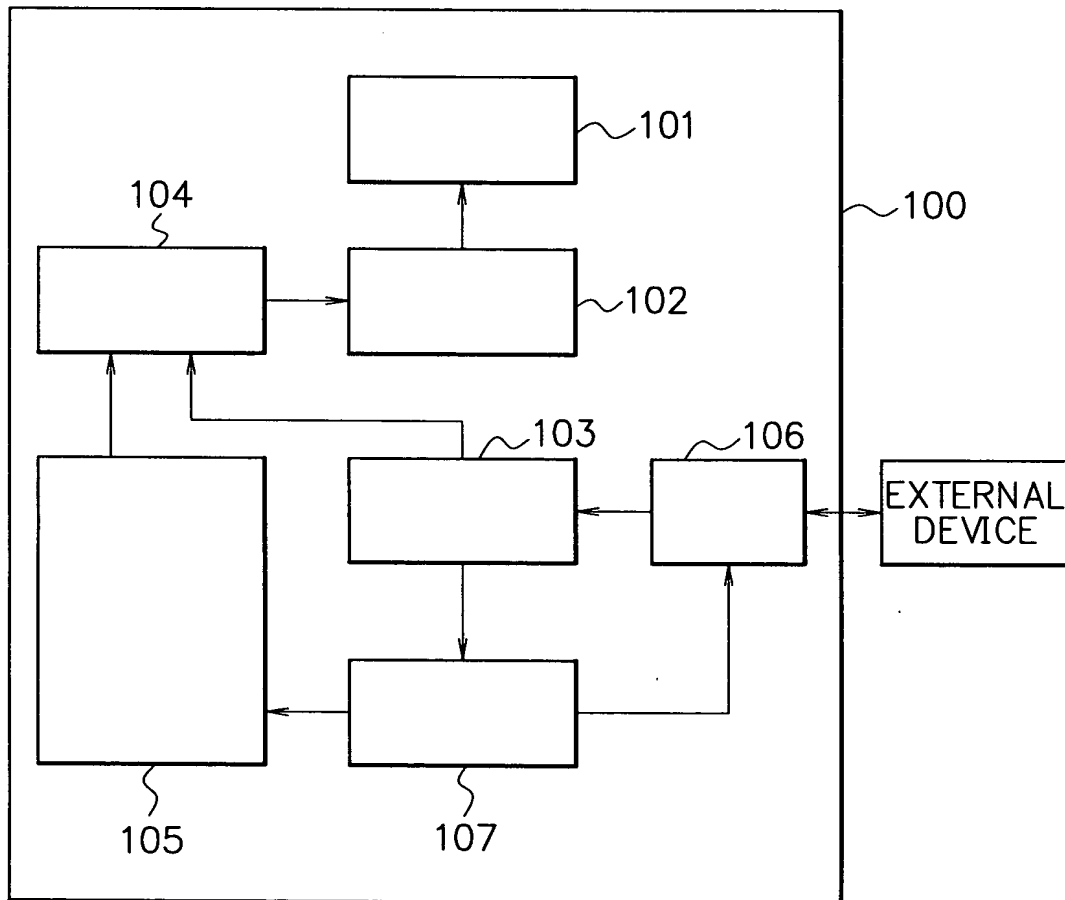
```
graph TD
    subgraph "UNAUTHORIZED USE PREVENTION PROGRAM"
        U1[UNIQUELY IDENTIFY EXTERNAL DEVICE AND REGISTER IT]
        U2[DETERMINE WHETHER OR NOT EXTERNAL DEVICE MATCH CRYPTOGRAPHIC KEY]
        U3[LIMIT OPERATION OF SYSTEM]
        U1 --> U2
        U2 --> U3
    end
    U3 --> SC[SYSTEM CONTROL]
    U1 --> CKI[(CRYPTOGRAPHIC KEY INFORMATION REGISTERED WITH SYSTEM)]
    CKI --> U2
    ID[INTERFACE] --> U1
    ID --> U2
    ID --> ED[EXTERNAL DEVICE]
    ED --> ID
```

—▶ REGISTERING CRYPTOGRAPHIC KEY
—▷ WRITING IDENTIFICATION INFORMATION
—➔ JUDGING EXTERNAL DEVICE BY CRYPTOGRAPHIC KEY
—▷ LIMITING/CANCELING FUNCTION

F I G. 2



F I G. 3



F I G. 4

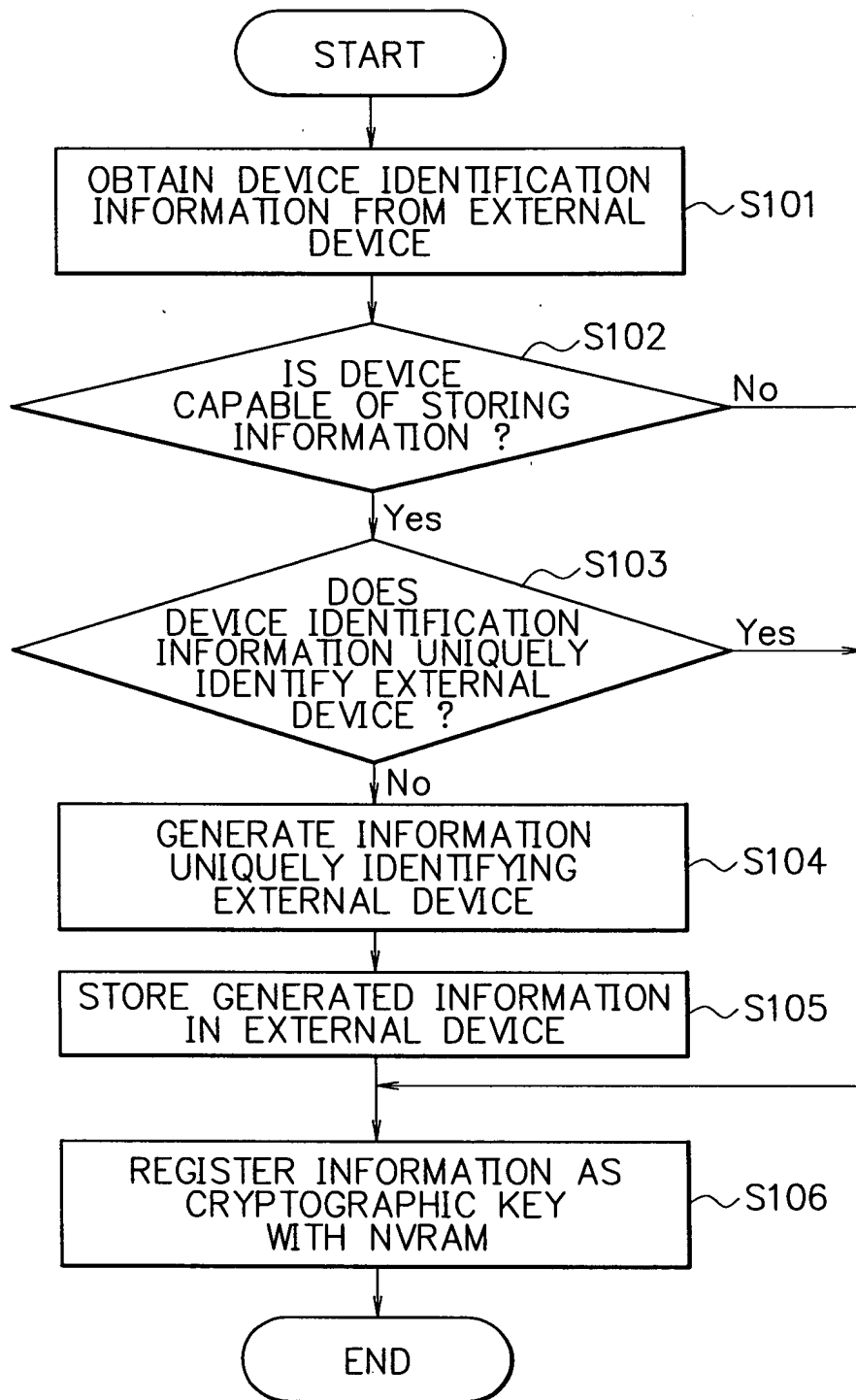
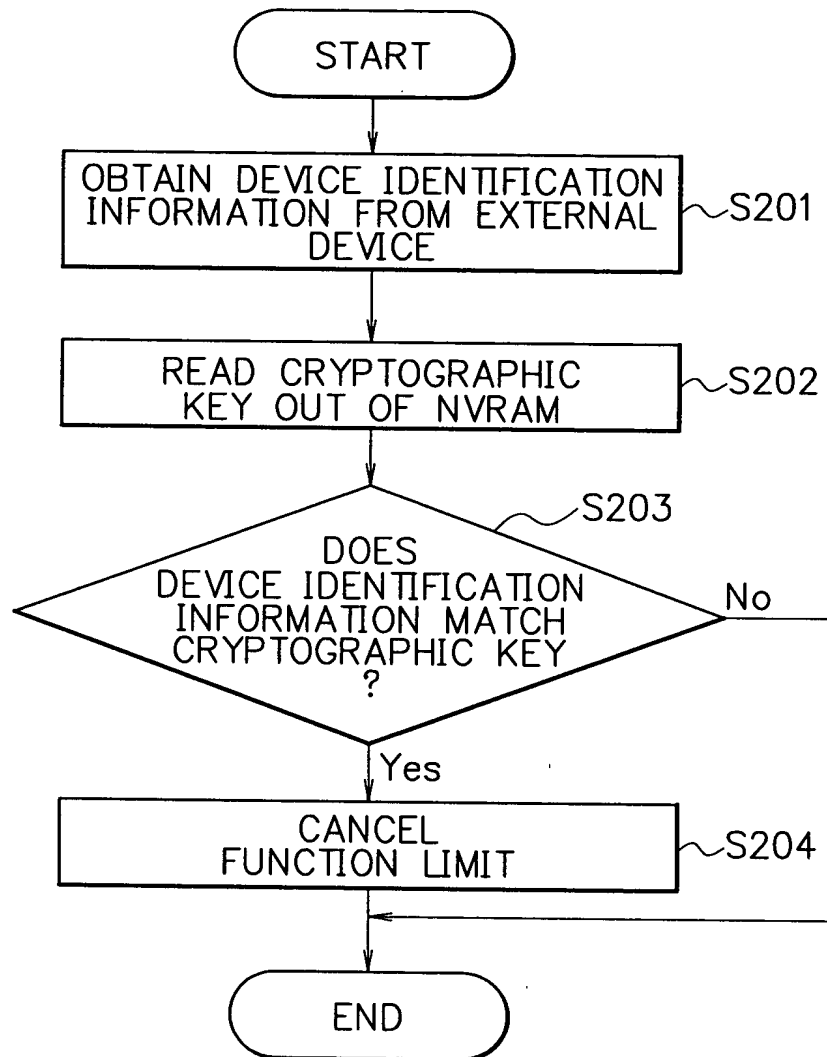
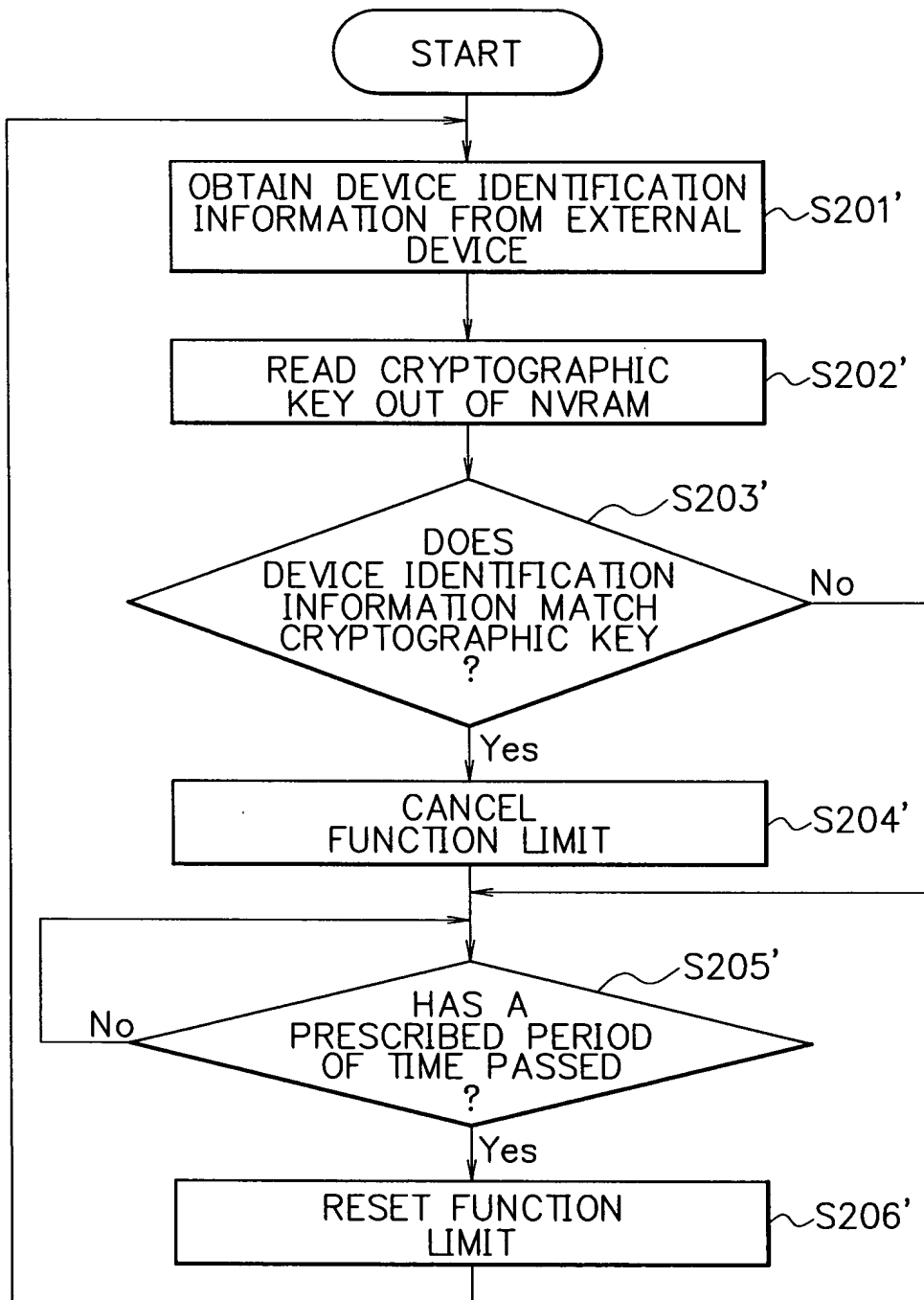


FIG. 5

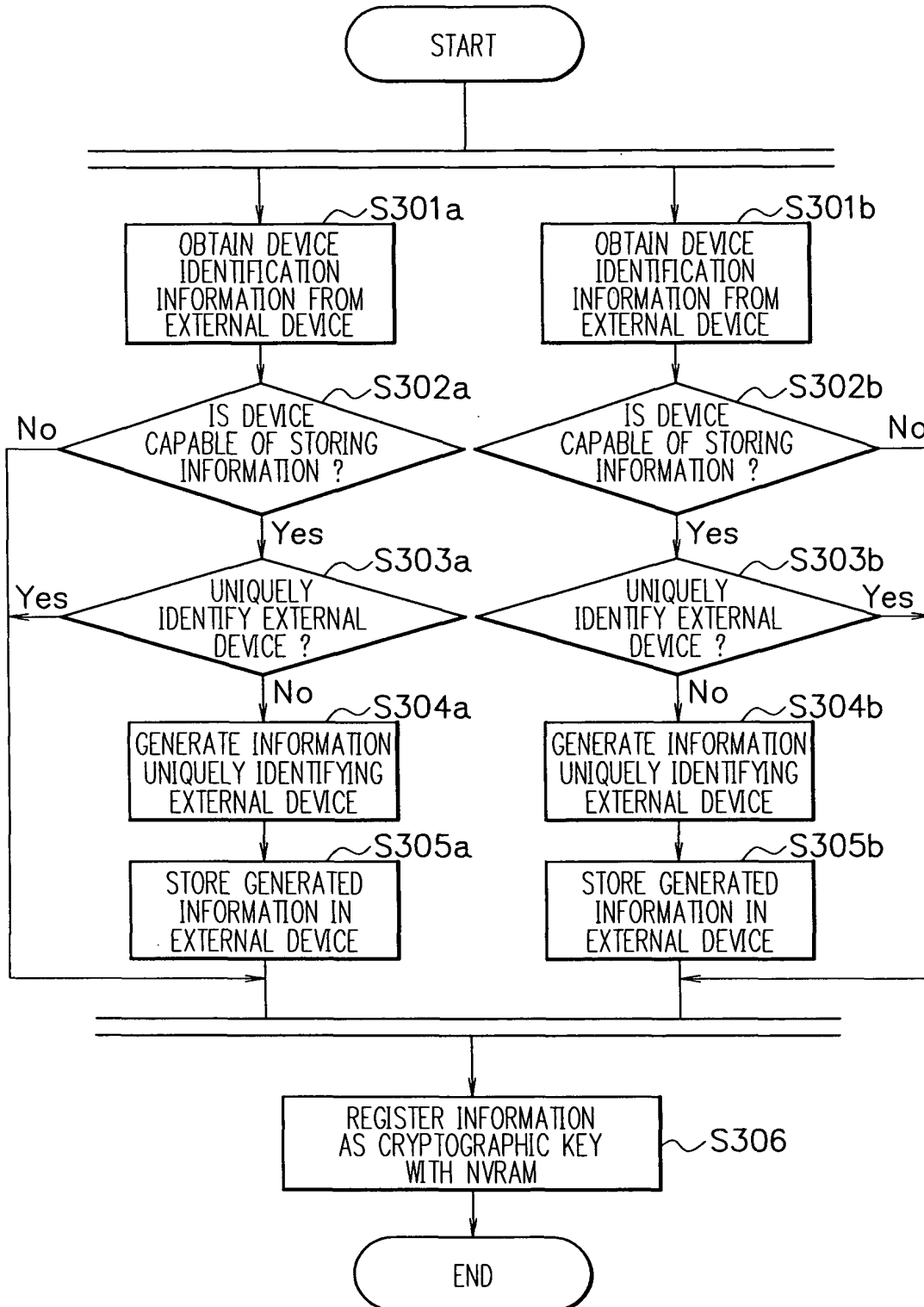


F I G. 6



The diagram illustrates a system 200 enclosed in a rectangular boundary. Inside the boundary, there are several functional blocks represented by rectangles. Block 101 is at the top center. Block 102 is below 101, with an upward arrow from 102 to 101. Block 103 is to the left of 102, with a rightward arrow from 103 to 102. Block 104 is to the left of 103, with a rightward arrow from 104 to 103. Block 105 is a large rectangle on the left side, with an upward arrow from 105 to 104 and another upward arrow from 105 to 103. Block 106a is to the right of 103, with a leftward arrow from 106a to 103. Block 106b is below 106a, with an upward arrow from 106b to 106a. Block 107 is below 103, with a downward arrow from 103 to 107. Block 107 has two output arrows: one pointing left to block 105 and one pointing right to block 106b. Block 106a has a bidirectional arrow connecting it to an 'EXTERNAL DEVICE' box located outside the system boundary to the right. Block 106b also has a bidirectional arrow connecting it to another 'EXTERNAL DEVICE' box located outside the system boundary to the right. The label '200' is placed to the right of the system boundary.

FIG. 8



F I G. 9

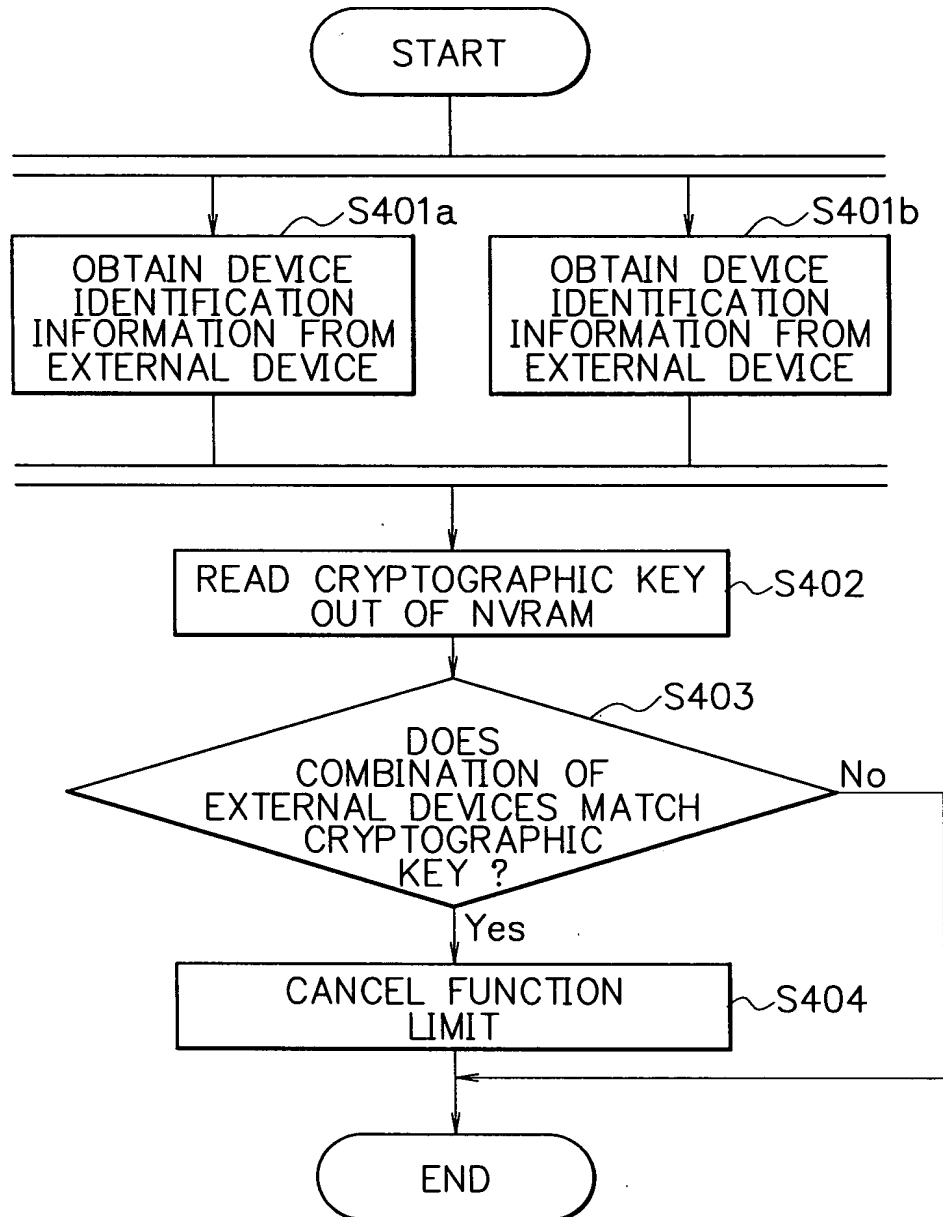


FIG. 10

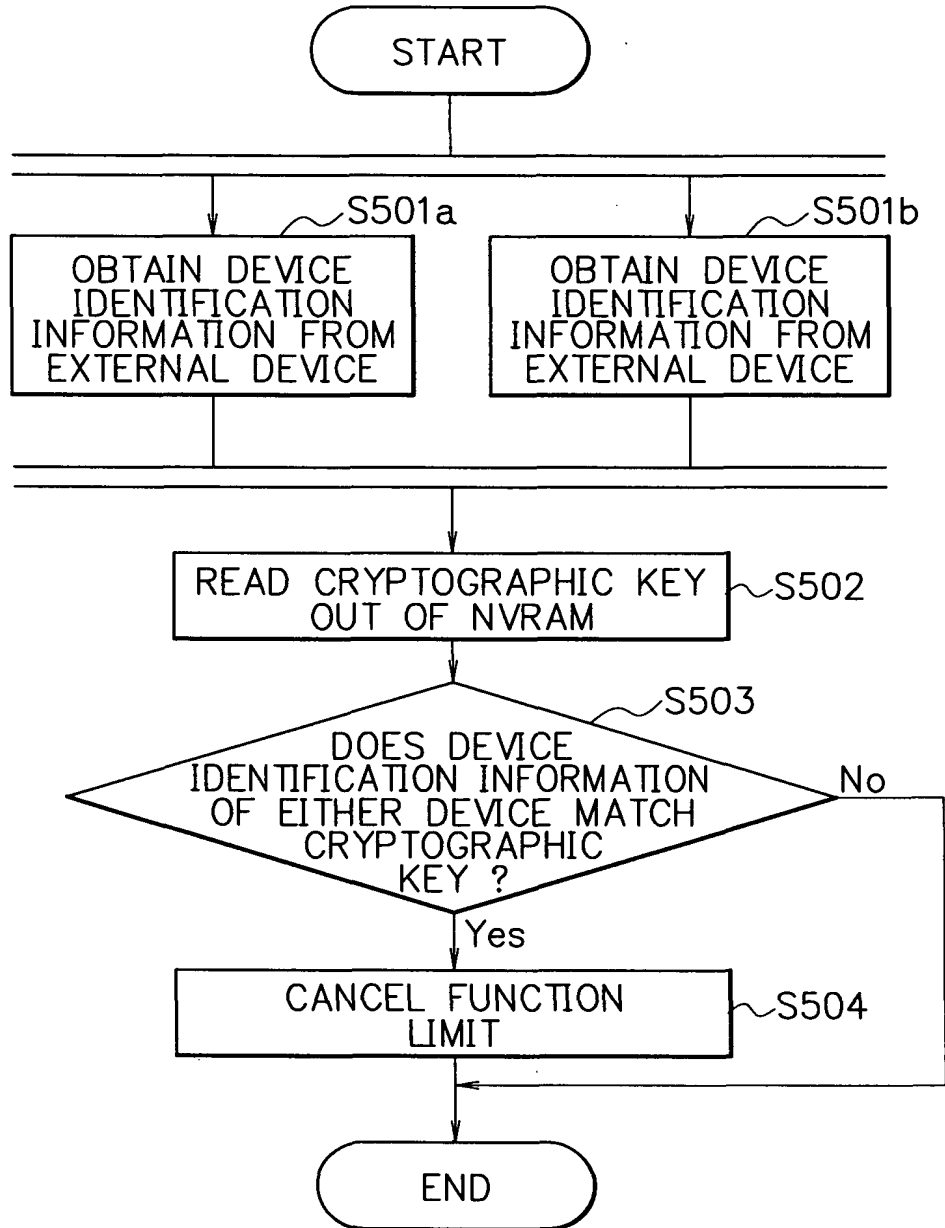


FIG. 11

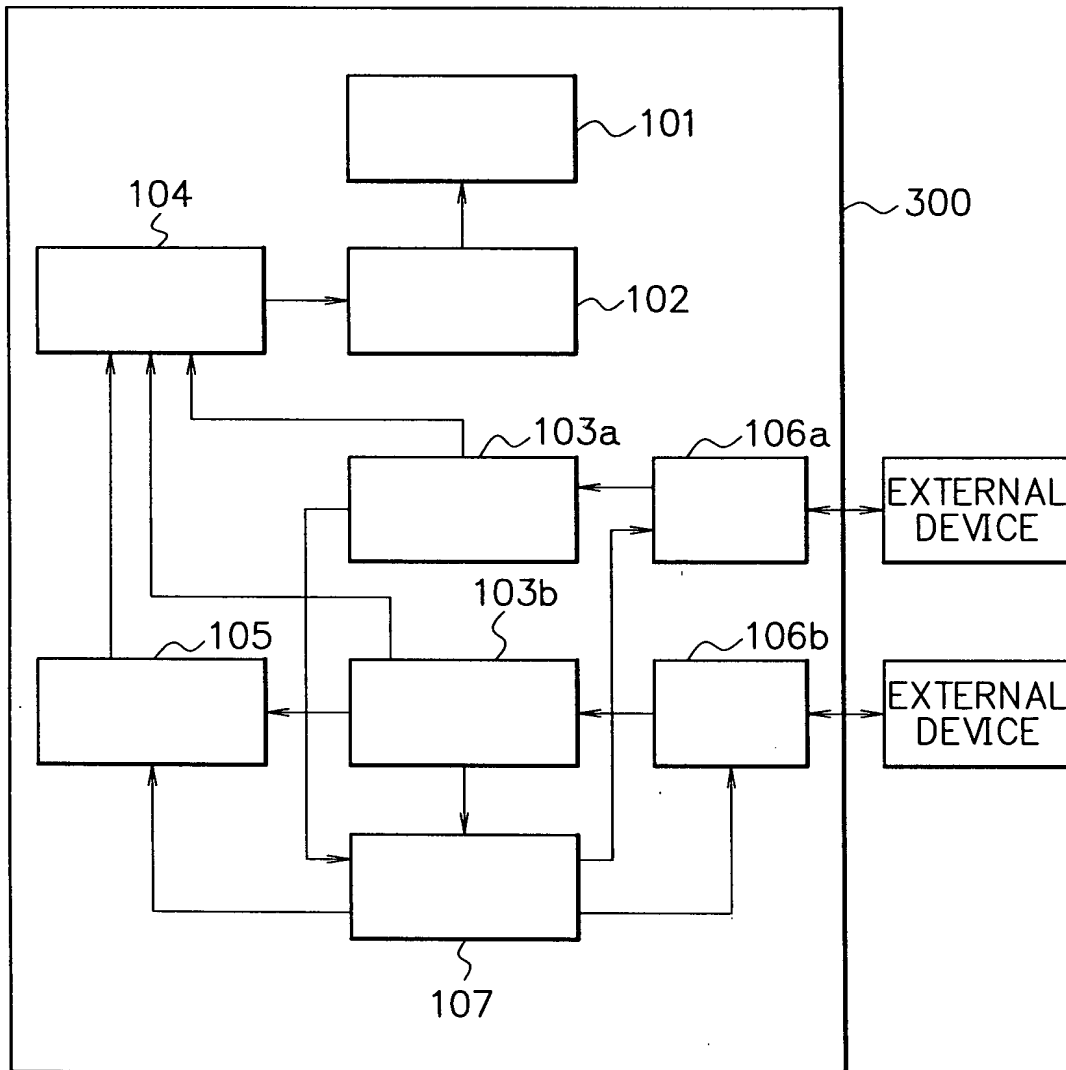
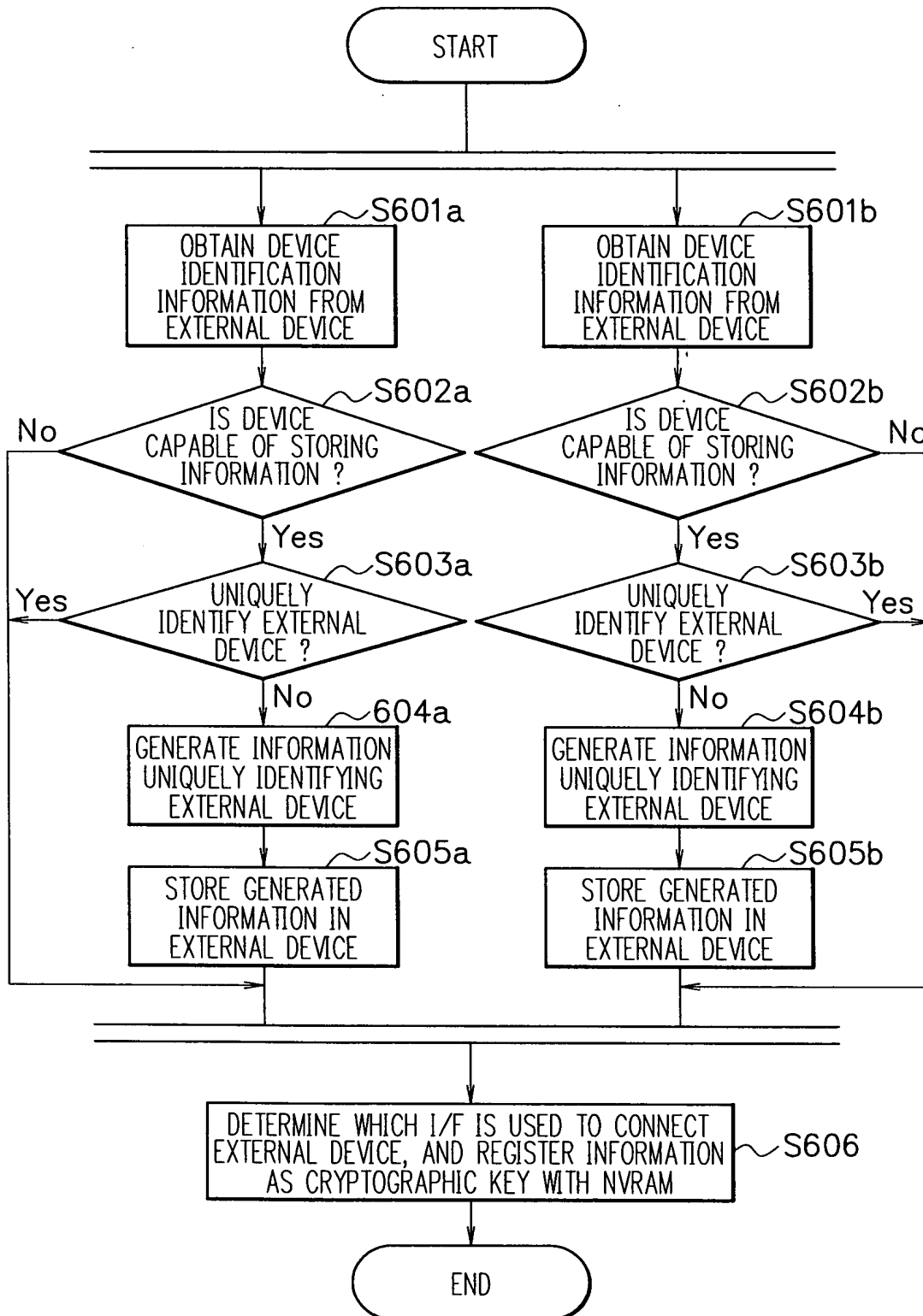


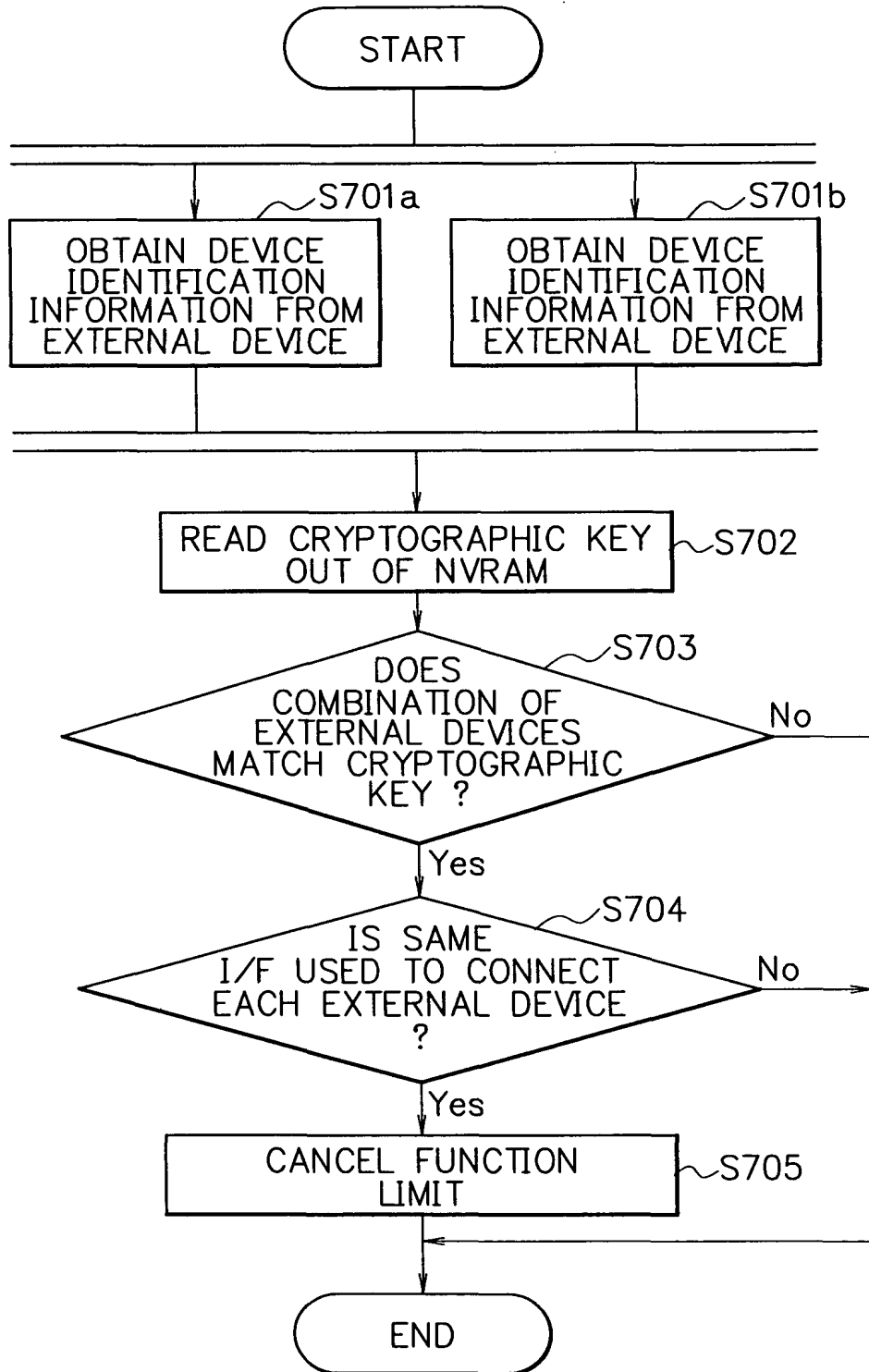
FIG. 12



F I G. 13

CRYPTOGRAPHIC KEY	
I/F	DEVICE IDENTIFICATION INFORMATION
A	C
B	D

FIG. 14



F I G. 15

CRYPTOGRAPHIC KEY	AVAILABLE FUNCTION
A	All
B	Read, Write
C	Read
Default	Nothing

F I G. 16

